

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	50	(US-4970770-\$ or US-5803022-\$ or US-4597376-\$ or US-4584932-\$ or US-4901537-\$ or US-4923003-\$ or US-5858540-\$ or US-4311131-\$ or US-4392008-\$ or US-4601089-\$ or US-4862022-\$ or US-5000926-\$ or US-5231267-\$ or US-5406055-\$ or US-5454061-\$ or US-5637168-\$ or US-5824392-\$ or US-5914161-\$ or US-5934270-\$ or US-6161389-\$ or US-4263942-\$ or US-4264347-\$ or US-4305453-\$ or US-4311733-\$ or US-4373702-\$ or US-4430988-\$).did. or (US-4494380-\$ or US-4534282-\$ or US-4625495-\$ or US-4754538-\$ or US-4815522-\$ or US-4830100-\$ or US-4839495-\$ or US-5201367-\$ or US-5361601-\$ or US-5419284-\$ or US-5475964-\$ or US-5722026-\$ or US-5810075-\$ or US-5944567-\$ or US-6066823-\$ or US-6244330-\$ or US-4242877-\$ or US-4268329-\$ or	USPAT	OR	ON	2009/08/13 13:11

		US-4348241-\$ or US-4363843-\$ or US-4376717-\$ or US-4381210-\$ or US-4384697-\$ or US-4406856-\$).did.				
S4	6	US-4186724-\$.DID. OR US-4440156-\$. DID. OR US- 2444238-\$.DID. OR US-4259946-\$.DID	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/13 13:19
S5	6	"2444238"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/13 13:19
S6	10	("4440156" "4186724" "4259946").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/13 13:39
S7	2	US-4307712-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/13 14:55
S8	2	orhan with ustun.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/13 19:52
S9	0	126/443.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/08/13 20:57
S10	12	("3227153"   "3952724"   "4027653"   "4122831"   "4133298"   "4186724"   "4186725"   "4308857"   "4397304").PN. OR ("4440156").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 14:39

S11	4	S10 and (radial radius)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 14:44
S12	12	(US-20080245519-\$).did. or (US-4027653-\$ or US-4122831-\$ or US-4186724-\$ or US-4186725-\$ or US-4259946-\$ or US-4307712-\$ or US-4308857-\$ or US-4311131-\$ or US-4440156-\$ or US-7137413-\$).did. or (GB-2103784-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/09/15 14:48
S13	4	S10 and (radius radial)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 14:48
S14	0	S13 not S10	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 14:48
S15	262	126/652.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/09/15 14:48
S16	34	S15 and (radius radial)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 14:48
S17	3	"4170982".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/09/15 15:14
S18	3	"4340035".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/09/15 17:01
S19	262	126/652.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/09/15 19:40
S20	0	S19 and (radius radial) WITH (spring bias)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 19:40
S21	0	(126/271.ccls.) and (radius radial) WITH (spring bias)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 19:40

S22	0	126/271.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 19:40
S23	0	126/270.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 19:41
S24	62	126/653.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 19:42
S25	1	S24 and (radius radial) WITH (spring bias)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/15 19:42
S26	16	("2460482"   "3830173"   "3952724"   "4186724"   "4194042"   "4205655"   "4282857"   "4299203"   "4440156"   "4452233"   "4554908"   "4644934"   "4653471"   "4995427").PN. OR ("7137413").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 21:10

S27	22	("0338310"   "1068650"   "2460482"   "3952724"   "3985119"   "4010732"   "4016860"   "4059093"   "4062489"   "4117831"   "4120285").PN. OR ("4186724").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 21:33
S28	6	("3227153"   "4133298"   "4307712"   "4396005"   "4470405").PN. OR ("5572987").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 21:51
S29	203	F24J002/05	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/06 18:17
S30	15	niederle.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/06 19:23
S31	262	126/652.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/10/06 19:41
S32	6	US-2485596-\$.DID. OR US-2470757-\$. DID. OR US- 1331018-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/07 10:15
S33	0	CN-2485596-\$.did. or CN-2470757-\$. did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/07 10:18

S34	0	"2485596".frpn. or "2470757".frpn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/07 10:21
S35	0	"2485596".frpn. or "2470757".frpn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/07 10:21
S36	13	"2485596" or "2470757"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/07 10:25
S37	0	xinqu and solar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/07 10:26
S38	19	xinqu	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/07 10:26
S39	21	hongchuan	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/07 10:32
S40	6	"4440156"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/07 13:01
S41	14	"4186724"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/07 13:03

S42	4	"4259946"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/07 13:06
S43	10	US-4186724-\$.DID. OR US-4016860-\$. DID. OR US- 4059093-\$.DID. OR US-4233957-\$.DID OR US-4205655-\$. DID. OR US- 4637374-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/07 19:22
S44	38	("3227153"   "3643648"   "3799144"   "3828845"   "3875926"   "3915147"   "3923038"   "3923039").PN. OR ("4059093").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/07 19:29
S45	51	(US-20080245519- \$).did. or (US- 3227153-\$ or US- 3952724-\$ or US- 4027653-\$ or US- 4059093-\$ or US- 4067315-\$ or US- 4119085-\$ or US- 4122831-\$ or US- 4186724-\$ or US- 4186725-\$ or US- 4205655-\$ or US- 4233957-\$ or US- 4259946-\$ or US- 4299203-\$ or US- 4307712-\$ or US- 4308857-\$ or US- 4311131-\$ or US- 4440156-\$ or US- 4440149-\$ or US- 4452233-\$ or US- 4508104-\$ or US- 4554908-\$ or US- 4561424-\$ or US- 4637374-\$ or US- 4653471-\$ or US- 4674477-\$ or US- 4834066-\$).did. or	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/07 19:41

		(US-5572987-\$ or US-6619283-\$ or US-7137413-\$ or US-7412976-\$).did. or (US-3227153-\$). did. or (EP-25305-\$ or GB-2117104-\$ or DE-19714774-\$ or WO-9945329-\$ or DE-19821137-\$ or DE-19859658-\$ or DE-19925531-\$ or DE-10002929-\$ or WO-2059531-\$ or DE-10258711-\$ or DE-10338483-\$ or EP-1528335-\$ or EP- 1541936-\$ or WO- 2005088207-\$ or FR- 2884597-\$ or WO- 2007026311-\$).did. or (JP-57070361-\$ or JP-59063455-\$). did. or (GB-2103784- \$).did.				
S46	3	S45 and counter	USPAT	OR	ON	2009/10/07 19:41

**EAST Search History (I nterference)**

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**10/ 8/ 2009 8:58:28 PM****C:\ Documents and Settings\ fkamps\ My Documents\ EAST\ Workspaces\ 10592982.wsp**